

- (A) MEDIUM TYPE: DISKETTE 3.5 INCH, 1.44 MB FOR FORMATTED
(B) COMPUTER: IBM PC COMPATIBLE
(C) OPERATING SYSTEM: DOS
(D) SOFTWARE: WORDPERFECT 5.1
- (vi) CURRENT APPLICATION DATA:
(A) APPLICATION NUMBER: 08/634,332
(B) FILING DATE: 12 APRIL 1996
(C) CLASSIFICATION:
- (vii) PRIOR APPLICATION DATA:
(A) APPLICATION NUMBER: NONE
(B) FILING DATE: NONE
- (viii) ATTORNEY/AGENT INFORMATION:
(A) NAME: THEODORE J. BIELEN, JR.
(B) REGISTRATION NUMBER: 27,420
(C) REFERENCE/DOCKET NUMBER: 12280
- (ix) TELECOMMUNICATION INFORMATION:
(A) TELEPHONE: (510) 937-1515
(B) TELEFAX: (510) 937-1529

- (2) INFORMATION FOR SEQ ID NO: 1:
- (i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 18
(B) TYPE: AMINO ACID
(D) TOPOLOGY: LINEAR
- (ii) MOLECULE TYPE: PEPTIDE
- (ix) FEATURE:
(A) NAME/KEY: HUMAN iNOS (25-42)
(B) LOCATION:
(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
(D) OTHER INFORMATION:
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

Asn Asn Asn Val Glu Lys Ala Pro Cys Ala Thr Ser Ser
5
10
Pro Val Thr Gln Asp
15

- (2) INFORMATION FOR SEQ ID NO: 2:
- (i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 18
(B) TYPE: AMINO ACID
(D) TOPOLOGY: LINEAR
- (ii) MOLECULE TYPE: PEPTIDE
- (ix) FEATURE:
(A) NAME/KEY: MOUSE iNOS (25-42)
(B) LOCATION:
(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
(D) OTHER INFORMATION:
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:

Asn Asn Asn Val Lys Lys Thr Pro Cys Ala Val Leu Ser
 5 10
 Pro Thr Ile Gln Asp
 15

- (2) INFORMATION FOR SEQ ID NO: 3:
- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 18
 - (B) TYPE: AMINO ACID
 - (D) TOPOLOGY: LINEAR
 - (ii) MOLECULE TYPE: PEPTIDE
 - (ix) FEATURE:
 - (A) NAME/KEY: RAT iNOS (25-42)
 - (B) LOCATION:
 - (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
 - (D) OTHER INFORMATION:
 - (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:

Asn Asn Asn Val Glu Lys Thr Pro Gly Ala Ile Pro Ser
 5 10
 Pro Thr Thr Gln Asp
 15

- (2) INFORMATION FOR SEQ ID NO: 4:
- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 18
 - (B) TYPE: AMINO ACID
 - (D) TOPOLOGY: LINEAR
 - (ii) MOLECULE TYPE: PEPTIDE
 - (ix) FEATURE:
 - (A) NAME/KEY: HUMAN iNOS (37-54)
 - (B) LOCATION:
 - (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
 - (D) OTHER INFORMATION:
 - (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:

Ser Pro Val Thr Gln Asp Asp Leu Gln Tyr His Asn Leu
 5 10
 Ser Lys Gln Gln Asn
 15

- (2) INFORMATION FOR SEQ ID NO: 5:
- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 18
 - (B) TYPE: AMINO ACID
 - (D) TOPOLOGY: LINEAR
 - (ii) MOLECULE TYPE: PEPTIDE
 - (ix) FEATURE:
 - (A) NAME/KEY: HUMAN iNOS (781-798)

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(B) LOCATION:

(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:

Pro Ala Leu Val Gln Gly Ile Leu Glu Arg Val Val Asp
5 10
Gly Pro Thr Pro His
15

(2) INFORMATION FOR SEQ ID NO: 6:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 18

(B) TYPE: AMINO ACID

(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

(A) NAME/KEY: MOUSE iNOS (776-792)

(B) LOCATION:

(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:

Xxx Ala Leu Val Gln Gly Ile Leu Glu Arg Val Val Asp
5 10
Cys Pro Thr Pro His
15

(2) INFORMATION FOR SEQ ID NO: 7:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 18

(B) TYPE: AMINO ACID

(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

(A) NAME/KEY: RAT iNOS (780-794)

(B) LOCATION:

(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:

Xxx Xxx Leu Val Gln Gly Ile Leu Glu Arg Val Val Asp
5 10
Cys Ser Ser Pro Xxx
15

(2) INFORMATION FOR SEQ ID NO: 8:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 18

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- (B) TYPE: AMINO ACID
(D) TOPOLOGY: LINEAR
(ii) MOLECULE TYPE: PEPTIDE
(ix) FEATURE:
(A) NAME/KEY: HUMAN iNOS (985-1002)
(B) LOCATION:
(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
(D) OTHER INFORMATION:
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:

Gly Ile Val Pro Phe Arg Ser Phe Trp Gln Gln Arg Leu
5 10
His Asp Ser Gln His
15

- (2) INFORMATION FOR SEQ ID NO: 9:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 18
(B) TYPE: AMINO ACID
(D) TOPOLOGY: LINEAR
(ii) MOLECULE TYPE: PEPTIDE
(ix) FEATURE:
(A) NAME/KEY: MOUSE iNOS (978-995)
(B) LOCATION:
(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
(D) OTHER INFORMATION:
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:

Gly Ile Ala Pro Phe Arg Ser Phe Trp Gln Gln Arg Leu
5 10
His Asp Ser Gln His
15

- (2) INFORMATION FOR SEQ ID NO: 10:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 18
(B) TYPE: AMINO ACID
(D) TOPOLOGY: LINEAR
(ii) MOLECULE TYPE: PEPTIDE
(ix) FEATURE:
(A) NAME/KEY: RAT iNOS (982-998)
(B) LOCATION:
(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
(D) OTHER INFORMATION:
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10:

Gly Ile Ala Pro Phe Arg Ser Phe Trp Gln Gln Arg Leu
5 10
His Asp Ser Gln His
15

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(2) INFORMATION FOR SEQ ID NO: 11:
(i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 18
 (B) TYPE: AMINO ACID
 (D) TOPOLOGY: LINEAR
(ii) MOLECULE TYPE: PEPTIDE
(ix) FEATURE:
 (A) NAME/KEY: HUMAN nNOS (1256-1273)
 (B) LOCATION:
 (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
 (D) OTHER INFORMATION:
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11:
Gly Ile Ala Pro Phe Arg Ser Phe Trp Gln Gln Arg Gln
 5 10
Phe Asp Ile Gln His
 15

(2) INFORMATION FOR SEQ ID NO: 12:
(i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 18
 (B) TYPE: AMINO ACID
 (D) TOPOLOGY: LINEAR
~~(ii) MOLECULE TYPE: PEPTIDE~~
(ix) FEATURE:
 (A) NAME/KEY: HUMAN eNOS (1017-1031)
 (B) LOCATION:
 (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
 (D) OTHER INFORMATION:
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12:
Gly Ile Ala Pro Phe Arg Gly Phe Trp Gln Glu Arg Leu
 5 10
His Asp Xxx Xxx Xxx
 15

(2) INFORMATION FOR SEQ ID NO: 13:
(i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 18
 (B) TYPE: AMINO ACID
 (D) TOPOLOGY: LINEAR
(ii) MOLECULE TYPE: PEPTIDE
(ix) FEATURE:
 (A) NAME/KEY: BOVINE eNOS (1019-1033)
 (B) LOCATION:
 (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
 (D) OTHER INFORMATION:
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 13:

Gly Ile Ala Pro Phe Arg Gly Phe Trp Gln Glu Arg Leu
5
10
His Asp Xxx Xxx Xxx
15

(2) INFORMATION FOR SEQ ID NO: 14:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 18

(B) TYPE: AMINO ACID

(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

(A) NAME/KEY: HUMAN iNOS (1009-1026)

(B) LOCATION:

(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 14:

Arg Met Thr Leu Val Phe Gly Cys Arg Arg Pro Asp Glu
5
10
Asp His Ile Tyr Gln
15

(2) INFORMATION FOR SEQ ID NO: 15:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 18

(B) TYPE: AMINO ACID

(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

(A) NAME/KEY: RAT iNOS (1006-1023)

(B) LOCATION:

(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 15:

Arg Met Thr Leu Val Phe Gly Cys Arg His Pro Glu Glu
5
10
Asp His Leu Tyr Gln
15

(2) INFORMATION FOR SEQ ID NO: 16:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 18

(B) TYPE: AMINO ACID

(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

(A) NAME/KEY: MOUSE iNOS (1002-1019)

(B) LOCATION:

(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 16:

Arg Met Ser Leu Val Phe Gly Cys Arg His Pro Glu Glu
5 10
Asp His Leu Tyr Gln
15

(2) INFORMATION FOR SEQ ID NO: 17:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 16

(B) TYPE: AMINO ACID

(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

(A) NAME/KEY: hnNOS [2-16, Cys¹⁷]

(B) LOCATION: HUMAN nNOS: AMINO TERMINAL

(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 17:

Glu Asp His Met Phe Gly Val Gln Gln Ile Gln Pro Asn
5 10
Val Ile Cys
15

(2) INFORMATION FOR SEQ ID NO: 18:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 24

(B) TYPE: AMINO ACID

(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

(A) NAME/KEY: hnNOS [Cys¹⁴¹⁰-1411-1433]

(B) LOCATION: HUMAN nNOS: CARBOXYL TERMINAL

(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 18:

Cys Arg Leu Arg Ser Glu Ser Ile Ala Phe Ile Glu Glu
5 10
Ser Lys Lys Asp Thr Asp Glu Val Phe Ser Ser
15 20

(2) INFORMATION FOR SEQ ID NO: 19:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 20

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- (B) TYPE: AMINO ACID
 (D) TOPOLOGY: LINEAR
 (ii) MOLECULE TYPE: PEPTIDE
 (ix) FEATURE:
 (A) NAME/KEY: hiNOS [2-21, Ser²]
 (B) LOCATION: HUMAN iNOS: AMINO TERMINAL
 (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
 (D) OTHER INFORMATION:
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 19:

Ala	Ser	Pro	Trp	Lys	Phe	Leu	Phe	Lys	Thr	Lys	Phe	His
				5					10			
Gln	Tyr	Ala	Met	Asn	Gly	Glu						
	15					20						

- (2) INFORMATION FOR SEQ ID NO: 20:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 18
 (B) TYPE: AMINO ACID
 (D) TOPOLOGY: LINEAR
 (ii) MOLECULE TYPE: PEPTIDE
 (ix) FEATURE:
 (A) NAME/KEY: hiNOS [Cys¹¹³⁶-1137-1153]
 (B) LOCATION: HUMAN iNOS: CARBOXYL TERMINAL
 (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
 (D) OTHER INFORMATION:
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 20:

Cys	Lys	Lys	Asp	Arg	Val	Ala	Val	Gln	Pro	Ser	Ser	Leu
				5					10			
Glu	Met	Ser	Ala	Leu								
	15											

- (2) INFORMATION FOR SEQ ID NO: 21:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 12
 (B) TYPE: AMINO ACID
 (D) TOPOLOGY: LINEAR
 (ii) MOLECULE TYPE: PEPTIDE
 (ix) FEATURE:
 (A) NAME/KEY: heNOS [Cap-2-12, Cys¹³]
 (B) LOCATION: HUMAN eNOS: AMINO TERMINAL WITH CAPROIC ACID ATTACHED
 (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
 (D) OTHER INFORMATION:
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 21:

Cap-Gly	Asn	Leu	Lys	Ser	Val	Ala	Gln	Glu	Pro	Gly	Cys
				5					10		

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- (2) INFORMATION FOR SEQ ID NO: 22:
- (i) SEQUENCE CHARACTERISTICS:
- (A) LENGTH: 12
 - (B) TYPE: AMINO ACID
 - (D) TOPOLOGY: LINEAR
- (ii) MOLECULE TYPE: PEPTIDE
- (ix) FEATURE:
- (A) NAME/KEY: heNOS [2-12, Cys¹³]
 - (B) LOCATION: HUMAN eNOS: AMINO TERMINAL WITHOUT CAPROIC ACID ATTACHED
 - (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
 - (D) OTHER INFORMATION:
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 22:

Gly Asn Leu Lys Ser Val Ala Gln Glu Pro Gly Cys
5 10

- (2) INFORMATION FOR SEQ ID NO: 23:
- (i) SEQUENCE CHARACTERISTICS:
- (A) LENGTH: 23
 - (B) TYPE: AMINO ACID
 - (D) TOPOLOGY: LINEAR
- (ii) MOLECULE TYPE: PEPTIDE
- (ix) FEATURE:
- (A) NAME/KEY: heNOS [Cys¹¹⁸¹-1182-1203]
 - (B) LOCATION: HUMAN eNOS: CARBOXYL TERMINAL
 - (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
 - (D) OTHER INFORMATION:
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 23:

Cys Glu Arg Gln Leu Arg Glu Ala Val Pro Trp Ala Phe
5 10
Asp Pro Pro Gly Ser Asp Thr Asn Ser Pro
15 20

- (2) INFORMATION FOR SEQ ID NO: 24:
- (i) SEQUENCE CHARACTERISTICS:
- (A) LENGTH: 18
 - (B) TYPE: AMINO ACID
 - (D) TOPOLOGY: LINEAR
- (ii) MOLECULE TYPE: PEPTIDE
- (ix) FEATURE:
- (A) NAME/KEY: hiNOS [985-1002]
 - (B) LOCATION:
 - (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
 - (D) OTHER INFORMATION:
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 24:

Gly Ile Val Pro Phe Arg Ser Phe Trp Gln Gln Arg Leu
5
His Asp Ser Gln His
15

(2) INFORMATION FOR SEQ ID NO: 25:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 18
(B) TYPE: AMINO ACID
(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

- (A) NAME/KEY: hiNOS [985-1002]
(B) LOCATION:
(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 25:

Gly Ile Val Pro Phe Arg Ser Phe Trp Gln Gln Arg Leu
5
His Asp Ser Gln His
15

(2) INFORMATION FOR SEQ ID NO: 26:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 18
(B) TYPE: AMINO ACID
(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

- (A) NAME/KEY: hiNOS [37-54]
(B) LOCATION:
(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 26:

Ser Pro Val Thr Gln Asp Asp Leu Gln Tyr His Asn Leu
5
Ser Lys Gln Gln Asn
15

(2) INFORMATION FOR SEQ ID NO: 27:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 18
(B) TYPE: AMINO ACID
(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

- (A) NAME/KEY: hiNOS [781-798]

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(B) LOCATION:

(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 27:

Pro Ala Leu Val Gln Gly Ile Leu Glu Arg Val Val Asp
5 10
Gly Pro Thr Pro His
15

(2) INFORMATION FOR SEQ ID NO: 28:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 18

(B) TYPE: AMINO ACID

(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

(A) NAME/KEY: hiNOS [25-42]

(B) LOCATION:

(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 28:

Asn Asn Asn Val Glu Lys Ala Pro Ser Ala Thr Ser Ser
5 10
Pro Val Thr Gln Asp
15

(2) INFORMATION FOR SEQ ID NO: 29:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 18

(B) TYPE: AMINO ACID

(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

(A) NAME/KEY: hiNOS [37-54]

(B) LOCATION:

(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 29:

Ser Pro Val Thr Gln Asp Asp Leu Gln Tyr His Asn Leu
5 10
Ser Lys Gln Gln Asn
15

(2) INFORMATION FOR SEQ ID NO: 30:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 18

12 67

(B) TYPE: AMINO ACID
 (D) TOPOLOGY: LINEAR
 (ii) MOLECULE TYPE: PEPTIDE
 (ix) FEATURE:
 (A) NAME/KEY: hINOS [781-798]
 (B) LOCATION:
 (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
 (D) OTHER INFORMATION:
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 30:

Pro	Ala	Leu	Val	Gln	Gly	Ile	Leu	Glu	Arg	Val	Val	Asp
				5					10			
Gly	Pro	Thr	Pro	His								
	15											

(2) INFORMATION FOR SEQ ID NO: 31:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 18
 (B) TYPE: AMINO ACID
 (D) TOPOLOGY: LINEAR
 (ii) MOLECULE TYPE: PEPTIDE
 (ix) FEATURE:
 (A) NAME/KEY: hINOS [1009-1026]
 (B) LOCATION:
 (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
 (D) OTHER INFORMATION:
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 31:

Arg	Met	Thr	Leu	Val	Phe	Gly	Ser	Arg	Arg	Pro	Asp	Glu
				5					10			
Asp	His	Ile	Tyr	Gln								
	15											

(2) INFORMATION FOR SEQ ID NO: 32:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 18
 (B) TYPE: AMINO ACID
 (D) TOPOLOGY: LINEAR
 (ii) MOLECULE TYPE: PEPTIDE
 (ix) FEATURE:
 (A) NAME/KEY: (A3) LOCUS HUMAN iNOS (25-42)
 (B) LOCATION:
 (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
 (D) OTHER INFORMATION:
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 32:

Asn	Asn	Asn	Val	Glu	Lys	Ala	Pro	Ser	Ala	Thr	Ser	Ser
				5					10			
Pro	Val	Thr	Gln	Asp-amide								
	15											

- (2) INFORMATION FOR SEQ ID NO: 33:
- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 18
 - (B) TYPE: AMINO ACID
 - (D) TOPOLOGY: LINEAR
 - (ii) MOLECULE TYPE: PEPTIDE
 - (ix) FEATURE:
 - (A) NAME/KEY: MOUSE iNOS (25-42)
 - (B) LOCATION:
 - (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
 - (D) OTHER INFORMATION:
 - (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 33:

Asn Asn Asn Val Lys Lys Thr Pro Ser Ala Val Leu Ser
5 10
Pro Thr Ile Gln Asp-amide
15

- (2) INFORMATION FOR SEQ ID NO: 34:
- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 18
 - (B) TYPE: AMINO ACID
 - (D) TOPOLOGY: LINEAR
 - (ii) MOLECULE TYPE: PEPTIDE
 - (ix) FEATURE:
 - (A) NAME/KEY: RAT iNOS (25-42)
 - (B) LOCATION:
 - (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
 - (D) OTHER INFORMATION:
 - (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 34:

Asn Asn Asn Val Glu Lys Thr Pro Gly Ala Ile Pro Ser
5 10
Pro Thr Thr Gln Asp-amide
15

- (2) INFORMATION FOR SEQ ID NO: 35:
- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 15
 - (B) TYPE: AMINO ACID
 - (D) TOPOLOGY: LINEAR
 - (ii) MOLECULE TYPE: PEPTIDE
 - (ix) FEATURE:
 - (A) NAME/KEY: HUMAN iNOS (28-42)
 - (B) LOCATION:
 - (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
 - (D) OTHER INFORMATION:
 - (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 35:

Val Glu Lys Ala Pro Ser Ala Thr Ser Ser Pro Val Thr
5 10
Gln Asp-amide
15

(2) INFORMATION FOR SEQ ID NO: 36:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 12

(B) TYPE: AMINO ACID

(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

(A) NAME/KEY: HUMAN iNOS (31-42)

(B) LOCATION:

(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 36:

Ala Pro Ser Ala Thr Ser Ser Pro Val Thr Gln Asp-amide
5 10

(2) INFORMATION FOR SEQ ID NO: 37:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 9

(B) TYPE: AMINO ACID

(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

(A) NAME/KEY: HUMAN iNOS (34-42)

(B) LOCATION:

(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 37:

Ala Thr Ser Ser Pro Val Thr Gln Asp-amide
5

(2) INFORMATION FOR SEQ ID NO: 38:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 6

(B) TYPE: AMINO ACID

(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

(A) NAME/KEY: HUMAN iNOS (37-42)

(B) LOCATION:

(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 38:

Ser Pro Val Thr Gln Asp-amide
5

(2) INFORMATION FOR SEQ ID NO: 39:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 15

(B) TYPE: AMINO ACID

(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

(A) NAME/KEY: HUMAN iNOS (25-39)

(B) LOCATION:

(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 39:

Asn Asn Asn Val Glu Lys Ala Pro Ser Ala Thr Ser Ser
5 10

Pro Val-amide
15

(2) INFORMATION FOR SEQ ID NO: 40:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 12

(B) TYPE: AMINO ACID

(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

(A) NAME/KEY: HUMAN iNOS (25-36)

(B) LOCATION:

(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 40:

Asn Asn Asn Val Glu Lys Ala Pro Ser Ala Thr Ser-amide
5 10

(2) INFORMATION FOR SEQ ID NO: 41:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 9

(B) TYPE: AMINO ACID

(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

(A) NAME/KEY: HUMAN iNOS (25-33)

(B) LOCATION:

(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 41:

Asn Asn Asn Val Glu Lys Ala Pro Ser-amide
5

(2) INFORMATION FOR SEQ ID NO: 42:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 6

(B) TYPE: AMINO ACID

(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

(A) NAME/KEY: HUMAN iNOS (25-30)

(B) LOCATION:

(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 42:

Asn Asn Asn Val Glu Lys-amide
5

(2) INFORMATION FOR SEQ ID NO: 43:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 18

(B) TYPE: AMINO ACID

(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

(A) NAME/KEY: (A4) LOCUS HUMAN iNOS (37-54)

(B) LOCATION:

(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 43:

Ser Pro Val Thr Gln Asp Asp Leu Gln Tyr His Asn Leu
5 10
Ser Lys Gln Gln Asn-amide
15

(2) INFORMATION FOR SEQ ID NO: 44:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 15

(B) TYPE: AMINO ACID

(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

(A) NAME/KEY: HUMAN iNOS (40-54)

(B) LOCATION:

72

(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 44:

Thr Gln Asp Asp Leu Gln Tyr His Asn Leu Ser Lys Gln
5 10
Gln Asn-amide
15

(2) INFORMATION FOR SEQ ID NO: 45:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 12

(B) TYPE: AMINO ACID

(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

(A) NAME/KEY: HUMAN iNOS (43-54)

(B) LOCATION:

(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 45:

Asp Leu Gln Tyr His Asn Leu Ser Lys Gln Gln Asn-amide
5 10

(2) INFORMATION FOR SEQ ID NO: 46:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 9

(B) TYPE: AMINO ACID

(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

(A) NAME/KEY: HUMAN iNOS (46-54)

(B) LOCATION:

(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 46:

Tyr His Asn Leu Ser Lys Gln Gln Asn-amide
5

(2) INFORMATION FOR SEQ ID NO: 47:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 6

(B) TYPE: AMINO ACID

(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

(A) NAME/KEY: HUMAN iNOS (49-54)

(B) LOCATION:
(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 47:

Leu Ser Lys Gln Gln Asn-amide
5

(2) INFORMATION FOR SEQ ID NO: 48:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 15
(B) TYPE: AMINO ACID
(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

(A) NAME/KEY: HUMAN iNOS (37-51)

(B) LOCATION:

(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 48:

Ser Pro Val Thr Gln Asp Asp Leu Gln Tyr His Asn Leu
5 10

Ser Lys-amide
15

(2) INFORMATION FOR SEQ ID NO: 49:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 12
(B) TYPE: AMINO ACID
(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

(A) NAME/KEY: HUMAN iNOS (37-48)

(B) LOCATION:

(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 49:

Ser Pro Val Thr Gln Asp Asp Leu Gln Tyr His Asn-amide
5 10

(2) INFORMATION FOR SEQ ID NO: 50:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 9
(B) TYPE: AMINO ACID
(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

74

- (A) NAME/KEY: HUMAN iNOS (37-45)
(B) LOCATION:
(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
(D) OTHER INFORMATION:
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 50:

Ser Pro Val Thr Gln Asp Asp Leu Gln-amide
5

- (2) INFORMATION FOR SEQ ID NO: 51:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 6
(B) TYPE: AMINO ACID
(D) TOPOLOGY: LINEAR
(ii) MOLECULE TYPE: PEPTIDE
(ix) FEATURE:
(A) NAME/KEY: HUMAN iNOS (37-42)
(B) LOCATION:
(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
(D) OTHER INFORMATION:
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 51:

Ser Pro Val Thr Gln Asp-amide
5

- (2) INFORMATION FOR SEQ ID NO: 52:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 18
(B) TYPE: AMINO ACID
(D) TOPOLOGY: LINEAR
(ii) MOLECULE TYPE: PEPTIDE
(ix) FEATURE:
(A) NAME/KEY: (F6) LOCUS HUMAN iNOS (781-798)
(B) LOCATION:
(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
(D) OTHER INFORMATION:
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 52:

Pro Ala Leu Val Gln Gly Ile Leu Glu Arg Val Val Asp
5 10
Gly Pro Thr Pro His-amide
15

- (2) INFORMATION FOR SEQ ID NO: 53:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 19
(B) TYPE: AMINO ACID
(D) TOPOLOGY: LINEAR
(ii) MOLECULE TYPE: PEPTIDE

28 75

(ix) FEATURE:

- (A) NAME/KEY: HUMAN eNOS (806-824)
- (B) LOCATION:
- (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
- (D) OTHER INFORMATION:

(xi) . SEQUENCE DESCRIPTION: SEQ ID NO: 53:

Pro Gly Leu Val Glu Ala Leu Leu Ser Arg Val Glu Asp
5
Pro Pro Ala Pro Thr Glu-amide
15

(2) INFORMATION FOR SEQ ID NO: 54:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 15
- (B) TYPE: AMINO ACID
- (D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

- (A) NAME/KEY: HUMAN iNOS (784-798)
- (B) LOCATION:
- (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
- (D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 54:

Val Gln Gly Ile Leu Glu Arg Val Val Asp Gly Pro Thr
5
Pro His-amide
15

(2) INFORMATION FOR SEQ ID NO: 55:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 12
- (B) TYPE: AMINO ACID
- (D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

- (A) NAME/KEY: HUMAN iNOS (787-798)
- (B) LOCATION:
- (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
- (D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 55:

Ile Leu Glu Arg Val Val Asp Gly Pro Thr Pro His-amide
5
10

(2) INFORMATION FOR SEQ ID NO: 56:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 9

- (B) TYPE: AMINO ACID
(D) TOPOLOGY: LINEAR
(ii) MOLECULE TYPE: PEPTIDE
(ix) FEATURE:
(A) NAME/KEY: HUMAN iNOS (790-798)
(B) LOCATION:
(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
(D) OTHER INFORMATION:
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 56:

Arg Val Val Asp Gly Pro Thr Pro His-amide
5

- (2) INFORMATION FOR SEQ ID NO: 57:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 6
(B) TYPE: AMINO ACID
(D) TOPOLOGY: LINEAR
(ii) MOLECULE TYPE: PEPTIDE
(ix) FEATURE:
(A) NAME/KEY: HUMAN iNOS (793-798)
(B) LOCATION:
(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
(D) OTHER INFORMATION:
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 57:

Asp Gly Pro Thr Pro His-amide
5

- (2) INFORMATION FOR SEQ ID NO: 58:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 14
(B) TYPE: AMINO ACID
(D) TOPOLOGY: LINEAR
(ii) MOLECULE TYPE: PEPTIDE
(ix) FEATURE:
(A) NAME/KEY: HUMAN iNOS (781-794)
(B) LOCATION:
(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
(D) OTHER INFORMATION:
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 58:

Pro Ala Leu Val Gln Gly Ile Leu Glu Arg Val Val Asp
5 10
Gly-amide

- (2) INFORMATION FOR SEQ ID NO: 59:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 12

22 77

- (B) TYPE: AMINO ACID
(D) TOPOLOGY: LINEAR
(ii) MOLECULE TYPE: PEPTIDE
(ix) FEATURE:
(A) NAME/KEY: HUMAN iNOS (781-792)
(B) LOCATION:
(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
(D) OTHER INFORMATION:
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 59:

Pro Ala Leu Val Gln Gly Ile Leu Glu Arg Val Val-amide
5 10

- (2) INFORMATION FOR SEQ ID NO: 60:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 9
(B) TYPE: AMINO ACID
(D) TOPOLOGY: LINEAR
(ii) MOLECULE TYPE: PEPTIDE
(ix) FEATURE:
(A) NAME/KEY: HUMAN iNOS (781-789)
(B) LOCATION:
(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
(D) OTHER INFORMATION:
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 60:

Pro Ala Leu Val Gln Gly Ile Leu Glu-amide
5

- (2) INFORMATION FOR SEQ ID NO: 61:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 6
(B) TYPE: AMINO ACID
(D) TOPOLOGY: LINEAR
(ii) MOLECULE TYPE: PEPTIDE
(ix) FEATURE:
(A) NAME/KEY: HUMAN iNOS (781-786)
(B) LOCATION:
(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
(D) OTHER INFORMATION:
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 61:

Pro Ala Leu Val Gln Gly-amide
5

- (2) INFORMATION FOR SEQ ID NO: 62:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 18
(B) TYPE: AMINO ACID

78

- (D) TOPOLOGY: LINEAR
(ii) MOLECULE TYPE: PEPTIDE
(ix) FEATURE:
(A) NAME/KEY: (G11) LOCUS HUMAN iNOS (985-1002)
(B) LOCATION:
(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
(D) OTHER INFORMATION:
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 62:

Gly Ile Val Pro Phe Arg Ser Phe Trp Gln Gln Arg Leu
5 10
His Asp Ser Gln His-amide
15

- (2) INFORMATION FOR SEQ ID NO: 63:
(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 18
(B) TYPE: AMINO ACID
(D) TOPOLOGY: LINEAR
(ii) MOLECULE TYPE: PEPTIDE
(ix) FEATURE:
(A) NAME/KEY: HUMAN nNOS (1256-1273)
(B) LOCATION:
(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
(D) OTHER INFORMATION:

- (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 63:

Gly Ile Ala Pro Phe Arg Ser Phe Trp Gln Gln Arg Gln
5 10
Phe Asp Ile Gln His-amide
15

- (2) INFORMATION FOR SEQ ID NO: 64:
(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 15
(B) TYPE: AMINO ACID
(D) TOPOLOGY: LINEAR
(ii) MOLECULE TYPE: PEPTIDE
(ix) FEATURE:
(A) NAME/KEY: HUMAN eNOS (1017-1031)
(B) LOCATION:
(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
(D) OTHER INFORMATION:

- (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 64:

Gly Ile Ala Pro Phe Arg Gly Phe Trp Gln Glu Arg Leu
5 10
His Asp-amide
15

- (2) INFORMATION FOR SEQ ID NO: 65:
- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 15
 - (B) TYPE: AMINO ACID
 - (D) TOPOLOGY: LINEAR
 - (ii) MOLECULE TYPE: PEPTIDE
 - (ix) FEATURE:
 - (A) NAME/KEY: HUMAN iNOS (988-1002)
 - (B) LOCATION:
 - (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
 - (D) OTHER INFORMATION:
 - (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 65:

Pro Phe Arg Ser Phe Trp Gln Gln Arg Leu His Asp Ser
5 10
Gln His-amide
15

- (2) INFORMATION FOR SEQ ID NO: 66:
- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 12
 - (B) TYPE: AMINO ACID
 - (D) TOPOLOGY: LINEAR
 - (ii) MOLECULE TYPE: PEPTIDE
 - (ix) FEATURE:
 - (A) NAME/KEY: HUMAN iNOS (991-1002)
 - (B) LOCATION:
 - (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
 - (D) OTHER INFORMATION:
 - (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 66:

Ser Phe Trp Gln Gln Arg Leu His Asp Ser Gln His-amide
5 10

- (2) INFORMATION FOR SEQ ID NO: 67:
- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 9
 - (B) TYPE: AMINO ACID
 - (D) TOPOLOGY: LINEAR
 - (ii) MOLECULE TYPE: PEPTIDE
 - (ix) FEATURE:
 - (A) NAME/KEY: HUMAN iNOS (994-1002)
 - (B) LOCATION:
 - (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
 - (D) OTHER INFORMATION:
 - (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 67:

Gln Gln Arg Leu His Asp Ser Gln His-amide
5

- (2) INFORMATION FOR SEQ ID NO: 68:
- (i) SEQUENCE CHARACTERISTICS:
- (A) LENGTH: 5
 - (B) TYPE: AMINO ACID
 - (D) TOPOLOGY: LINEAR
- (ii) MOLECULE TYPE: PEPTIDE
- (ix) FEATURE:
- (A) NAME/KEY: HUMAN iNOS (997-1002)
 - (B) LOCATION:
 - (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
 - (D) OTHER INFORMATION:
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 68:

His Asp Ser Gln His-amide
5

- (2) INFORMATION FOR SEQ ID NO: 69:
- (i) SEQUENCE CHARACTERISTICS:
- (A) LENGTH: 15
 - (B) TYPE: AMINO ACID
 - (D) TOPOLOGY: LINEAR
- (ii) MOLECULE TYPE: PEPTIDE
- (ix) FEATURE:
- (A) NAME/KEY: HUMAN iNOS (985-998)
 - (B) LOCATION:
 - (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
 - (D) OTHER INFORMATION:
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 69:

Gly Ile Val Pro Phe Arg Ser Phe Trp Gln Gln Arg Leu
5 10

His Asp-amide
15

- (2) INFORMATION FOR SEQ ID NO: 70:
- (i) SEQUENCE CHARACTERISTICS:
- (A) LENGTH: 12
 - (B) TYPE: AMINO ACID
 - (D) TOPOLOGY: LINEAR
- (ii) MOLECULE TYPE: PEPTIDE
- (ix) FEATURE:
- (A) NAME/KEY: HUMAN iNOS (985-996)
 - (B) LOCATION:
 - (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
 - (D) OTHER INFORMATION:
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 70:

Gly Ile Val Pro Phe Arg Ser Phe Trp Gln Gln Arg-amide
5 10

81

- (2) INFORMATION FOR SEQ ID NO: 71:
- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 9
 - (B) TYPE: AMINO ACID
 - (D) TOPOLOGY: LINEAR
 - (ii) MOLECULE TYPE: PEPTIDE
 - (ix) FEATURE:
 - (A) NAME/KEY: HUMAN iNOS (985-993)
 - (B) LOCATION:
 - (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
 - (D) OTHER INFORMATION:
 - (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 71:

Gly Ile Val Pro Phe Arg Ser Phe Trp-amide

5

- (2) INFORMATION FOR SEQ ID NO: 72:
- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 6
 - (B) TYPE: AMINO ACID
 - (D) TOPOLOGY: LINEAR
 - (ii) MOLECULE TYPE: PEPTIDE
 - (ix) FEATURE:
 - (A) NAME/KEY: HUMAN iNOS (985-990)
 - (B) LOCATION:
 - (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
 - (D) OTHER INFORMATION:
 - (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 72:

Gly Ile Val Pro Phe Arg-amide

5

- (2) INFORMATION FOR SEQ ID NO: 73:
- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 18
 - (B) TYPE: AMINO ACID
 - (D) TOPOLOGY: LINEAR
 - (ii) MOLECULE TYPE: PEPTIDE
 - (ix) FEATURE:
 - (A) NAME/KEY: (H1) LOCUS HUMAN iNOS (1009-1026)
 - (B) LOCATION:
 - (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
 - (D) OTHER INFORMATION:
 - (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 73:

Arg Met Thr Leu Val Phe Gly Ser Arg Arg Pro Asp Glu
5 10
Asp His Ile Tyr Gln-amide
15

(2) INFORMATION FOR SEQ ID NO: 74:
(i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 17
 (B) TYPE: AMINO ACID
 (D) TOPOLOGY: LINEAR
(ii) MOLECULE TYPE: PEPTIDE
(ix) FEATURE:
 (A) NAME/KEY: HUMAN eNOS (1041-1057)
 (B) LOCATION:
 (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
 (D) OTHER INFORMATION:
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 74:

Met Thr Leu Val Phe Gly Ser Arg Ser Ser Gln Leu Asp
 5 10
His Leu Tyr Arg-amide
 15

(2) INFORMATION FOR SEQ ID NO: 75:
(i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 17
 (B) TYPE: AMINO ACID
 (D) TOPOLOGY: LINEAR
(ii) MOLECULE TYPE: PEPTIDE
(ix) FEATURE:
 (A) NAME/KEY: HUMAN nNOS (1281-1297)
 (B) LOCATION:
 (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
 (D) OTHER INFORMATION:
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 75:

Met Val Leu Val Phe Gly Ser Arg Gln Ser Lys Ile Asp
 5 10
His Ile Tyr Arg-amide
 15

(2) INFORMATION FOR SEQ ID NO: 76:
(i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 15
 (B) TYPE: AMINO ACID
 (D) TOPOLOGY: LINEAR
(ii) MOLECULE TYPE: PEPTIDE
(ix) FEATURE:
 (A) NAME/KEY: HUMAN iNOS (1012-1026)
 (B) LOCATION:
 (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
 (D) OTHER INFORMATION:
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 76:

Leu Val Phe Gly Ser Arg Arg Pro Asp Glu Asp His Ile
5 10
Tyr Gln-amide
15

- (2) INFORMATION FOR SEQ ID NO: 77:
- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 12
 - (B) TYPE: AMINO ACID
 - (D) TOPOLOGY: LINEAR
 - (ii) MOLECULE TYPE: PEPTIDE
 - (ix) FEATURE:
 - (A) NAME/KEY: HUMAN iNOS (1015-1026)
 - (B) LOCATION:
 - (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
 - (D) OTHER INFORMATION:
 - (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 77:

Gly Ser Arg Arg Pro Asp Glu Asp His Ile Tyr Gln-amide
5 10

- (2) INFORMATION FOR SEQ ID NO: 78:
- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 9
 - (B) TYPE: AMINO ACID
 - (D) TOPOLOGY: LINEAR
 - (ii) MOLECULE TYPE: PEPTIDE
 - (ix) FEATURE:
 - (A) NAME/KEY: HUMAN iNOS (1018-1026)
 - (B) LOCATION:
 - (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
 - (D) OTHER INFORMATION:
 - (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 78:

Arg Pro Asp Glu Asp His Ile Tyr Gln-amide
5

- (2) INFORMATION FOR SEQ ID NO: 79:
- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 6
 - (B) TYPE: AMINO ACID
 - (D) TOPOLOGY: LINEAR
 - (ii) MOLECULE TYPE: PEPTIDE
 - (ix) FEATURE:
 - (A) NAME/KEY: HUMAN iNOS (1021-1026)
 - (B) LOCATION:
 - (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
 - (D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 79:

Glu Asp His Ile Tyr Gln-amide
5

(2) INFORMATION FOR SEQ ID NO: 80:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 15

(B) TYPE: AMINO ACID

(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

(A) NAME/KEY: HUMAN iNOS (1009-1023)

(B) LOCATION:

(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 80:

Arg Met Thr Leu Val Phe Gly Ser Arg Arg Pro Asp Glu
5 10
Asp His-amide
15

(2) INFORMATION FOR SEQ ID NO: 81:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 11

(B) TYPE: AMINO ACID

(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

(A) NAME/KEY: HUMAN iNOS (1009-1020)

(B) LOCATION:

(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 81:

Arg Met Thr Leu Val Phe Gly Ser Arg Arg Pro-amide
5 10

(2) INFORMATION FOR SEQ ID NO: 82:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 9

(B) TYPE: AMINO ACID

(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

(A) NAME/KEY: HUMAN iNOS (1009-1017)

(B) LOCATION:

(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

26
85

(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 82:

Arg Met Thr Leu Val Phe Gly Ser Arg-amide
5

(2) INFORMATION FOR SEQ ID NO: 83:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 6

(B) TYPE: AMINO ACID

(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

(A) NAME/KEY: HUMAN iNOS (1009-1014)

(B) LOCATION:

(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 83:

Arg Met Thr Leu Val Phe-amide
5

(2) INFORMATION FOR SEQ ID NO: 84:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 12

(B) TYPE: AMINO ACID

(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

(A) NAME/KEY: TRUNCATED HUMAN iNOS (40-54)

(B) LOCATION:

(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 84:

Thr Gln Asp Asp Leu Gln Tyr His Asn Leu Ser Lys
5 10

(2) INFORMATION FOR SEQ ID NO: 85:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 9

(B) TYPE: AMINO ACID

(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

(A) NAME/KEY: TRUNCATED HUMAN iNOS (784-798)

(B) LOCATION:

(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 85:

Val Gln Gly Ile Leu Glu Arg Val Val
5

(2) INFORMATION FOR SEQ ID NO: 86:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 18

(B) TYPE: AMINO ACID

(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

(A) NAME/KEY: HUMAN iNOS (37-54)

(B) LOCATION:

(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 86:

Ser Pro Val Thr Gln Asp Asp Leu Gln Tyr His Asn Leu
5 10
Ser Lys Gln Gln Asn-amide
15

(2) INFORMATION FOR SEQ ID NO: 87:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 5

(B) TYPE: AMINO ACID

(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

(A) NAME/KEY: HUMAN iNOS (41-45)

(B) LOCATION:

(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 87:

Gln Asp Asp Leu Gln-amide
5

(2) INFORMATION FOR SEQ ID NO: 88:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 6

(B) TYPE: AMINO ACID

(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

(A) NAME/KEY: HUMAN iNOS (40-45)

(B) LOCATION:

(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

87

(D) OTHER INFORMATION:
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 88:

Thr Gln Asp Asp Leu Gln-amide
5

(2) INFORMATION FOR SEQ ID NO: 89:
(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 7
(B) TYPE: AMINO ACID
(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

(A) NAME/KEY: HUMAN iNOS (39-45)
(B) LOCATION:
(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 89:

Val Thr Gln Asp Asp Leu Gln-amide
5

(2) INFORMATION FOR SEQ ID NO: 90:
(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 8
(B) TYPE: AMINO ACID
(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

(A) NAME/KEY: HUMAN iNOS (38-45)
(B) LOCATION:
(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 90:

Pro Val Thr Gln Asp Asp Leu Gln-amide
5

(2) INFORMATION FOR SEQ ID NO: 91:
(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 9
(B) TYPE: AMINO ACID
(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

(A) NAME/KEY: HUMAN iNOS (37-45)
(B) LOCATION:
(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
(D) OTHER INFORMATION:

88

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 91:

Ser Pro Val Thr Gln Asp Asp Leu Gln-amide

5

(2) INFORMATION FOR SEQ ID NO: 92:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 5

(B) TYPE: AMINO ACID

(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

(A) NAME/KEY: HUMAN iNOS (40-44)

(B) LOCATION:

(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 92:

Thr Gln Asp Asp Leu-amide

5

(2) INFORMATION FOR SEQ ID NO: 93:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 6

(B) TYPE: AMINO ACID

(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

(A) NAME/KEY: HUMAN iNOS (39-44)

(B) LOCATION:

(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 93:

Val Thr Gln Asp Asp Leu-amide

5

(2) INFORMATION FOR SEQ ID NO: 94:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 7

(B) TYPE: AMINO ACID

(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

(A) NAME/KEY: HUMAN iNOS (38-44)

(B) LOCATION:

(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

(D) OTHER INFORMATION:

89

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 94:

Pro Val Thr Gln Asp Asp Leu-amide
5

(2) INFORMATION FOR SEQ ID NO: 95:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 8

(B) TYPE: AMINO ACID

(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

(A) NAME/KEY: HUMAN iNOS (37-44)

(B) LOCATION:

(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 95:

Ser Pro Val Thr Gln Asp Asp Leu-amide
5

(2) INFORMATION FOR SEQ ID NO: 96:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 9

(B) TYPE: AMINO ACID

(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

(A) NAME/KEY: HUMAN iNOS (36-44)

(B) LOCATION:

(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 96:

Ser Ser Pro Val Thr Gln Asp Asp Leu-amide
5

(2) INFORMATION FOR SEQ ID NO: 97:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 5

(B) TYPE: AMINO ACID

(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

(A) NAME/KEY: HUMAN iNOS (39-43)

(B) LOCATION:

(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

(D) OTHER INFORMATION:

90

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 97:

Val Thr Gln Asp Asp-amide
5

(2) INFORMATION FOR SEQ ID NO: 98:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 6

(B) TYPE: AMINO ACID

(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

(A) NAME/KEY: HUMAN iNOS (38-43)

(B) LOCATION:

(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 98:

Pro Val Thr Gln Asp Asp-amide
5

(2) INFORMATION FOR SEQ ID NO: 99:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 7

(B) TYPE: AMINO ACID

(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

(A) NAME/KEY: HUMAN iNOS (37-43)

(B) LOCATION:

(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 99:

Ser Pro Val Thr Gln Asp Asp-amide
5

(2) INFORMATION FOR SEQ ID NO: 100:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 8

(B) TYPE: AMINO ACID

(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

(A) NAME/KEY: HUMAN iNOS (36-43)

(B) LOCATION:

(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 100:

Ser Ser Pro Val Thr Gln Asp Asp-amide
5

(2) INFORMATION FOR SEQ ID NO: 101:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 9

(B) TYPE: AMINO ACID

(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

(A) NAME/KEY: HUMAN iNOS (35-43)

(B) LOCATION:

(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 101:

Thr Ser Ser Pro Val Thr Gln Asp Asp-amide
5

(2) INFORMATION FOR SEQ ID NO: 102:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 18

(B) TYPE: AMINO ACID

(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

(A) NAME/KEY: HUMAN iNOS (37-54)

(B) LOCATION:

(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 102:

Ser Pro Val Thr Gln Asp Asp Leu Gln Tyr His Asn Leu
5 10
Ser Lys Gln Gln Asn-amide
15

(2) INFORMATION FOR SEQ ID NO: 103:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 15

(B) TYPE: AMINO ACID

(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

(A) NAME/KEY: HUMAN iNOS (40-54)

(B) LOCATION:

(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

92

(D) OTHER INFORMATION:
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 103:

Thr Gln Asp Asp Leu Gln Tyr His Asn Leu Ser Lys Gln
5 10
Gln Asn-amide
15

(2) INFORMATION FOR SEQ ID NO: 104:
(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 12
(B) TYPE: AMINO ACID
(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

(A) NAME/KEY: HUMAN iNOS (43-54)
(B) LOCATION:
(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 104:

Asp Leu Gln Tyr His Asn Leu Ser Lys Gln Gln Asn-amide
5 10

(2) INFORMATION FOR SEQ ID NO: 105:
(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 9
(B) TYPE: AMINO ACID
(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

(A) NAME/KEY: HUMAN iNOS (46-54)
(B) LOCATION:
(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 105:

Tyr His Asn Leu Ser Lys Gln Gln Asn-amide
5

(2) INFORMATION FOR SEQ ID NO: 106:
(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 6
(B) TYPE: AMINO ACID
(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

(A) NAME/KEY: HUMAN iNOS (49-54)
(B) LOCATION:

(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 106:

Leu Ser Lys Gln Gln Asn-amide
5

(2) INFORMATION FOR SEQ ID NO: 107:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 15

(B) TYPE: AMINO ACID

(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

(A) NAME/KEY: HUMAN iNOS (37-51)

(B) LOCATION:

(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 107:

Ser Pro Val Thr Gln Asp Asp Leu Gln Tyr His Asn Leu
5 10

Ser Lys-amide
15

(2) INFORMATION FOR SEQ ID NO: 108:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 12

(B) TYPE: AMINO ACID

(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

(A) NAME/KEY: HUMAN iNOS (37-48)

(B) LOCATION:

(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 108:

Ser Pro Val Thr Gln Asp Asp Leu Gln Tyr His Asn-amide
5 10

(2) INFORMATION FOR SEQ ID NO: 109:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 9

(B) TYPE: AMINO ACID

(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

(A) NAME/KEY: HUMAN iNOS (37-45)

94

- (B) LOCATION:
(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
(D) OTHER INFORMATION:
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 109:

Ser Pro Val Thr Gln Asp Asp Leu Gln-amide
5

- (2) INFORMATION FOR SEQ ID NO: 110:
(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 6
(B) TYPE: AMINO ACID
(D) TOPOLOGY: LINEAR

- (ii) MOLECULE TYPE: PEPTIDE

- (ix) FEATURE:

(A) NAME/KEY: HUMAN iNOS (37-42)
(B) LOCATION:
(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
(D) OTHER INFORMATION:

- (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 110:

Ser Pro Val Thr Gln Asp-amide
5

- (2) INFORMATION FOR SEQ ID NO: 111:
(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 10
(B) TYPE: AMINO ACID
(D) TOPOLOGY: LINEAR

- (ii) MOLECULE TYPE: PEPTIDE

- (ix) FEATURE:

(A) NAME/KEY: HUMAN iNOS (35-44)
(B) LOCATION:
(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
(D) OTHER INFORMATION:

- (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 111:

Thr Ser Ser Pro Val Thr Gln Asp Asp Leu-amide
5 10

- (2) INFORMATION FOR SEQ ID NO: 112:
(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 18
(B) TYPE: AMINO ACID
(D) TOPOLOGY: LINEAR

- (ii) MOLECULE TYPE: PEPTIDE

- (ix) FEATURE:

(A) NAME/KEY: HUMAN iNOS (781-798)
(B) LOCATION:

40-95

(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 112:

Pro Ala Leu Val Gln Gly Ile Leu Glu Arg Val Val Asp
5 10
Gly Pro Thr Pro His-amide
15

(2) INFORMATION FOR SEQ ID NO: 113:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 5

(B) TYPE: AMINO ACID

(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

(A) NAME/KEY: HUMAN iNOS (788-792)

(B) LOCATION:

(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 113:

Leu Glu Arg Val Val-amide
5

(2) INFORMATION FOR SEQ ID NO: 114:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 6

(B) TYPE: AMINO ACID

(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

(A) NAME/KEY: HUMAN iNOS (787-792)

(B) LOCATION:

(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 114:

Ile Leu Glu Arg Val Val-amide
5

(2) INFORMATION FOR SEQ ID NO: 115:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 7

(B) TYPE: AMINO ACID

(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

(A) NAME/KEY: HUMAN iNOS (786-792)

96

- (B) LOCATION:
(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
(D) OTHER INFORMATION:
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 115:

Gly Ile Leu Glu Arg Val Val-amide
5

- (2) INFORMATION FOR SEQ ID NO: 116:
(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 8
(B) TYPE: AMINO ACID
(D) TOPOLOGY: LINEAR

- (ii) MOLECULE TYPE: PEPTIDE

- (ix) FEATURE:

(A) NAME/KEY: HUMAN iNOS (785-792)

(B) LOCATION:

(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

(D) OTHER INFORMATION:

- (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 116:

Gln Gly Ile Leu Glu Arg Val Val-amide
5

- (2) INFORMATION FOR SEQ ID NO: 117:
(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 9
(B) TYPE: AMINO ACID
(D) TOPOLOGY: LINEAR

- (ii) MOLECULE TYPE: PEPTIDE

- (ix) FEATURE:

(A) NAME/KEY: HUMAN iNOS (784-792)

(B) LOCATION:

(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

(D) OTHER INFORMATION:

- (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 117:

Val Gln Gly Ile Leu Glu Arg Val Val-amide
5

- (2) INFORMATION FOR SEQ ID NO: 118:
(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 5
(B) TYPE: AMINO ACID
(D) TOPOLOGY: LINEAR

- (ii) MOLECULE TYPE: PEPTIDE

- (ix) FEATURE:

(A) NAME/KEY: HUMAN iNOS (787-791)

(B) LOCATION:

42-97

(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 118:

Ile Leu Glu Arg Val-amide
5

(2) INFORMATION FOR SEQ ID NO: 119:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 6

(B) TYPE: AMINO ACID

(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

(A) NAME/KEY: HUMAN iNOS (786-791)

(B) LOCATION:

(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 119:

Gly Ile Leu Glu Arg Val-amide
5

(2) INFORMATION FOR SEQ ID NO: 120:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 7

(B) TYPE: AMINO ACID

(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

(A) NAME/KEY: HUMAN iNOS (785-791)

(B) LOCATION:

(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 120:

Gln Gly Ile Leu Glu Arg Val-amide
5

(2) INFORMATION FOR SEQ ID NO: 121:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 8

(B) TYPE: AMINO ACID

(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

(A) NAME/KEY: HUMAN iNOS (784-791)

(B) LOCATION:

(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

98

(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 121:

Val Gln Gly Ile Leu Glu Arg Val-amide
5

(2) INFORMATION FOR SEQ ID NO: 122:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 9

(B) TYPE: AMINO ACID

(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

(A) NAME/KEY: HUMAN iNOS (783-791)

(B) LOCATION:

(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 122:

Leu Val Gln Gly Ile Leu Glu Arg Val-amide
5

(2) INFORMATION FOR SEQ ID NO: 123:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 5

(B) TYPE: AMINO ACID

(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

(A) NAME/KEY: HUMAN iNOS (786-790)

(B) LOCATION:

(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 123:

Gly Ile Leu Glu Arg-amide
5

(2) INFORMATION FOR SEQ ID NO: 124:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 6

(B) TYPE: AMINO ACID

(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

(A) NAME/KEY: HUMAN iNOS (785-790)

(B) LOCATION:

(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

(D) OTHER INFORMATION:

99

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 124:

Gln Gly Ile Leu Glu Arg-amide
5

(2) INFORMATION FOR SEQ ID NO: 125:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 7

(B) TYPE: AMINO ACID

(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

(A) NAME/KEY: HUMAN iNOS (784-790)

(B) LOCATION:

(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 125:

Val Gln Gly Ile Leu Glu Arg-amide
5

(2) INFORMATION FOR SEQ ID NO: 126:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 8

(B) TYPE: AMINO ACID

(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

(A) NAME/KEY: HUMAN iNOS (783-790)

(B) LOCATION:

(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 126:

Leu Val Gln Gly Ile Leu Glu Arg-amide
5